


Focus Occupation: Chemical Engineers (17-2041)

Focus occupation: Chemical Engineers

Employment and Growth	43/ 4.9%
Ave. Monthly Wage	\$10,416
Education/Experience	Bachelor's degree





Advance FROM Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Architectural and Engineering Managers  (11-9041)	2	474/ 6.3%	BA/5 plus yrs	78
Petroleum Engineers (17-2171)	2	547/ 10.5%	BA	100
Nuclear Engineers (17-2161)	1	n/a	BA	93

Transfer TO and FROM Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Biomedical Engineers (17-2031)	0	n/a	BA	91
Materials Engineers (17-2131)	0	66/ 11.9%	BA	100

Advance TO Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Engineers, All Other  (17-2199)	-1	1,046/ 6.8%	BA	95
Environmental Engineers  (17-2081)	-1	308/ 8.8%	BA	93
Agricultural Engineers (17-2021)	-2	n/a	BA	100
Chemists  (19-2031)	-3	91/ 7.1%	BA	86
Engineering Technicians, Except Drafters, All Other (17-3029)	-4	518/ 7.2%	AA	77
Environmental Engineering Technicians  (17-3025)	-5	263/ 11.0%	AA	75
Chemical Technicians (19-4031)	-6	175/ 10.1%	AA	71

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and

Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.